

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference S 7171-Ro	FOR FURTHER ACTION		see Form PCT/ISA/220 as well as, where applicable, item 5 below.
International application No. PCT/EP2004/008406	International filing date (day/month/year) 27/07/2004	(Earliest) Priority Date (day/month/year) 28/07/2003	
Applicant SAP AKTIENGESELLSCHAFT			

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 4 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

b. ☐ With regard to any nucleotide and/or amino acid sequence disclosed in the international application, see Box No. I.

2. ☐ Certain claims were found unsearchable (See Box II).

3. ☐ Unity of invention is lacking (see Box III).

4. With regard to the title,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the abstract,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regards to the drawings,

a. the figure of the drawings to be published with the abstract is Figure No. 2

☒ as suggested by the applicant.

☐ as selected by this Authority, because the applicant failed to suggest a figure.

☐ as selected by this Authority, because this figure better characterizes the invention.

b. ☐ none of the figures is to be published with the abstract.

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/008406

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G06F9/46

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	I. FOSTER, C. KESSELMAN, J.M. NICK, S. TUECKE: "The Physiology of the Grid: An Open Grid Services Architecture for Distributed Systems Integration" 22 June 2002 (2002-06-22), , XP002308622 Retrieved from the Internet: URL: http://www.globus.org/research/papers/ogsa.pdf retrieved on 2004-11-25! page 7, paragraph 3.1 - page 8 page 10 - page 12 page 17 - page 19 page 21, paragraph 6.4 - page 22	1,3,5,6, 8
Y	page 10 - page 12 ----- -/-	2,4,7

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents:

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the international filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

Z document member of the same patent family

Date of the actual completion of the international search

2 December 2004

Date of mailing of the international search report

28/12/2004

Name and mailing address of the ISA

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INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/008406

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 01/13227 A (SUN MICROSYSTEMS INC) 22 February 2001 (2001-02-22) page 5, line 25 - line 30 page 18, line 27 - line 30	2, 4, 7
A	ALLEN G ET AL: "The Cactus Worm: experiments with dynamic resource discovery and allocation in a grid environment" INTERNATIONAL JOURNAL OF HIGH PERFORMANCE COMPUTING APPLICATIONS SAGE SCIENCE PRESS USA, vol. 15, no. 4, 2001, pages 345-358, XP002308620 ISSN: 1078-3482 the whole document	1-8
A	US 2003/033369 A1 (BERNHARD BENJAMIN KARB DONOVAN) 13 February 2003 (2003-02-13) paragraph '0043!	1-8
A	BERMAN F ET AL: "The GrADS project: software support for high-level grid application development" INTERNATIONAL JOURNAL OF HIGH PERFORMANCE COMPUTING APPLICATIONS SAGE SCIENCE PRESS USA, vol. 15, no. 4, 31 July 2001 (2001-07-31), pages 327-344, XP002308621 ISSN: 1078-3482 the whole document	1-8

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/008406

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 0113227	A	22-02-2001	AU 6766500 A	13-03-2001
			AU 6902300 A	13-03-2001
			EP 1210662 A2	05-06-2002
			EP 1212680 A2	12-06-2002
			WO 0113227 A2	22-02-2001
			WO 0113228 A2	22-02-2001
			US— 6697849 B1—	24-02-2004
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US 2003033369	A1	13-02-2003	NONE	
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